

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	153	Shigeyasu near morihiro.in. or yukihiro near miyawaki.in. or takahiro near miwa.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 07:41
S2	10	(Shigeyasu near morihiro.in. or yukihiro near miyawaki.in. or takahiro near miwa.in.) and thicken\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 11:14
S3	4587	(latex or emulsion or dispersion) and thicken\$4 and filler and solid adj (portion or content)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:44
S4	1016	thicken\$4 same (acrylic or methacrylic or maleic) adj acid same (\$4ethylene or \$4propylene or \$4methylene or \$4butylene) adj (oxide or glycol)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:44
S5	71	S3 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:13
S6	71	S3 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:42
S7	5658	(high adj solid).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:55
S8	2217	(high adj solid).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:42
S9	814	(high adj solid).dm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:42
S10	6891	S7 or S8 or S9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:43
S11	2	S5 and S10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:43
S12	21463	(latex or emulsion or dispersion) and thicken\$4 and filler	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:56
S13	117	S12 and S10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:45
S14	2	S13 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:44

## EAST Search History

S15	14	S13 and (thicken\$4 or rheolog\$6 or flow) adj control\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:57
S16	7425	(high adj solid) with (coating or composition)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:55
S17	7943	(high adj solid) with (coating or composition or paint)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:56
S18	572	S12 and S17	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:56
S19	108692	(latex or emulsion or dispersion) and filler	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:56
S20	1839	S19 and S17	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:57
S21	545	S20 and (thicken\$4 or rheolog\$6 or flow) adj control\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:57
S22	15	S21 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:58
S23	2730	thicken\$4 same filler same (latex or emulsion or dispersion)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:59
S24	44	S23 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 09:00
S25	18	S23 and S4 and solid adj content	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 09:01
S26	35	"4764554"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 09:11
S27	32	"4764554" and solid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 09:11
S28	20	"4764554" and solid adj content	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 09:47
S29	359	aqueous adj emulsion adj paint	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 09:47

## EAST Search History

S30	30	aqueous adj emulsion adj paint same filler	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 10:25
S31	208	aqueous with emulsion adj paint and filler	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 10:26
S32	33	aqueous with emulsion adj paint and filler with amount	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 10:37
S33	2	aqueous with emulsion adj paint and filler near5 "%"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 10:41
S34	476	(aqueous or waterborne or water) with (latex or emulsion or dispersion) and thicken\$4 and filler and high adj solid adj content	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 10:44
S35	1	((aqueous or waterborne or water) with (latex or emulsion or dispersion) and thicken\$4 and filler and high adj solid adj content). clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 10:43
S36	3	((aqueous or waterborne or water) with (latex or emulsion or dispersion) and thicken\$4 and filler and high adj solid adj content). ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 10:43
S37	116	(aqueous or waterborne or water) with (latex or emulsion or dispersion) and thicken\$4 and filler with amount and high adj solid adj content	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 10:44
S38	212	(aqueous or waterborne or water) with (latex or emulsion or dispersion) and thicken\$4 and filler with amount and high adj solid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 10:44
S39	272	(aqueous or waterborne or water) with (latex or emulsion or dispersion) and thicken\$4 and filler with (amount or content) and high adj solid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 10:45
S40	14	S39 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 10:44
S41	105	((aqueous or waterborne or water) with (latex or emulsion or dispersion)).clm. and thicken\$4 and filler with (amount or content) and high adj solid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 10:45
S42	168	(526/558.ccls. or 524/560.ccls. or 524/556.ccls. or 524/501.ccls.) and filler and (latex or binder) and thicken\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/02/01 11:38
S43	0	(526/558.ccls. or 524/560.ccls. or 524/556.ccls. or 524/501.ccls.) and filler and (latex or binder) and thicken\$5 same (acrylic or methacrylic) adj acid same (\$4ethylene or \$4propylene or \$4butylene) near2 (glycol or oxide) near3 (acrylate or methacrylate or propene or vinyl)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/02/01 11:41
S44	1	(526/558.ccls. or 524/560.ccls. or 524/556.ccls. or 524/501.ccls.) and filler and (latex or binder) and thicken\$5 same (acrylic or methacrylic) adj acid same (\$4ethylene or \$4propylene or \$4butylene) near2 (glycol or oxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/02/01 11:41

## EAST Search History

S45	25	(526/558.cds. or 524/560.cds. or 524/556.cds. or 524/501.cds.) and filler and (latex or binder) and thicken\$5 same (acrylic or methacrylic) adj acid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/02/01 11:41
S46	4	("4138381").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/14 15:47
S47	0	("thicken\$4same(acrylicormethacrylicormaleic)nearacidsameassociatingadjmonomer\$2").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/14 15:48
S48	0	thicken\$4 same (acrylic or methacrylic or maleic) near acid same associating adj monomer\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 15:50
S49	3	(acrylic or methacrylic or maleic) near acid same associating adj monomer\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 15:49
S50	215324	thicken\$4 same (acrylic or methacrylic or maleic) near acid same ((\$4ethylene or \$4propylene or \$4alkylene) near oxide or (ethyleneoxy or alkyleneoxy) or (oxyethylene or oxypropylene or oxyalkylene)) near3 acrylate or methacrylate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 15:53
S51	215337	thicken\$4 same (acrylic or methacrylic or maleic) near acid same ((\$4ethylene or \$4propylene or \$4alkylene) near (oxide or glycol) or (ethyleneoxy or alkyleneoxy) or (oxyethylene or oxypropylene or oxyalkylene)) near3 acrylate or methacrylate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 15:53
S52	100	thicken\$4 same (acrylic or methacrylic or maleic) near acid same ((\$4ethylene or \$4propylene or \$4alkylene) near (oxide or glycol) or (ethyleneoxy or alkyleneoxy) or (oxyethylene or oxypropylene or oxyalkylene)) near3 (acrylate or methacrylate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:06
S53	135	S52 and solid near\$5%	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 15:54
S54	37	S52 and solid with \$3%	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 15:56
S55	37	S52 and solid with \$2%	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 15:56
S56	34	S52 and solid with (content or portion or amount)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 15:56
S57	41	(S55 or S56) and (filler or pigment or inorganic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:06
S58	8020	(acrylic or methacrylic or maleic) near acid same ((\$4ethylene or \$4propylene or \$4alkylene) near (oxide or glycol) or (ethyleneoxy or alkyleneoxy) or (oxyethylene or oxypropylene or oxyalkylene)) near3 (acrylate or methacrylate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:07
S59	594	"I20" and (filler or pigment or inorganic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:06

## EAST Search History

S60	5881	S58 and (filler or pigment or inorganic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:09
S61	2072	copolymer same (acrylic or methacrylic or maleic) near acid same (((\$4ethylene or \$4propylene or \$4alkylene) near (oxide or glycol) or (ethyleneoxy or alkyleneoxy) or (oxyethylene or oxypropylene or oxyalkylene)) near3 (acrylate or methacrylate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:07
S62	100	thicken\$4 same (acrylic or methacrylic or maleic) near acid same (((\$4ethylene or \$4propylene or \$4alkylene) near (oxide or glycol) or (ethyleneoxy or alkyleneoxy) or (oxyethylene or oxypropylene or oxyalkylene)) near3 (acrylate or methacrylate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:08
S63	209	thicken\$4 same (acrylic or methacrylic or maleic) near acid same (((\$4ethylene or \$4propylene or \$4alkylene) near (oxide or glycol) or (ethyleneoxy or alkyleneoxy) or (oxyethylene or oxypropylene or oxyalkylene)) near3 (acrylate or methacrylate or prop\$4 or but\$4 or vinyl or allyl\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:08
S64	167	S63 and (filler or pigment or inorganic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:09
S65	44	S63 and (filler or pigment or inorganic) and (latex or emulison)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:09
S66	28	S63 and (filler or pigment or inorganic) and (latex or emulison) and solid with (content or amount or portion)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:10
S67	53	thicken\$4 same (acrylic or methacrylic or maleic) near2 acid same (\$4ethylene or \$4propylene or \$4butylene) adj (oxide or glycol) near2 (acrylate or methacrylate or maleic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 15:45
S68	55	thicken\$4 same (acrylic or methacrylic or maleic) near2 acid same (\$4ethylene or \$4propylene or \$4butylene) near2 (oxide or glycol) near2 (acrylate or methacrylate or maleic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 15:47
S69	55	thicken\$4 same (acrylic or methacrylic or maleic) near2 acid same (((\$4ethylene or \$4propylene or \$4butylene) near2 (oxide or glycol) near2 (acrylate or methacrylate or maleic) or associating near monomer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 16:02
S70	33	S69 and (latex or emulsion)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 16:02
S71	1305	thicken\$4 same (acrylic or methacrylic or maleic) near2 acid same ((((\$4ethylene or \$4propylene or \$4butylene) near2 (oxide or glycol or (acrylate or methacrylate or maleic)) or associating near monomer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 15:59
S72	1314	thicken\$4 same (acrylic or methacrylic or maleic) near2 acid same ((((\$4ethylene or \$4propylene or \$4butylene) near2 (oxide or glycol or (acrylate or methacrylate or maleic)) or associat\$4 near monomer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 16:00
S73	263	thicken\$4 same (acrylic or methacrylic or maleic) near2 acid same ((((\$4ethylene or \$4propylene or \$4butylene) near2 (acrylate or methacrylate or maleic)) or associat\$4 near monomer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 16:01
S74	169	S73 and (latex or emulsion)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 16:02

## EAST Search History

S75	142	S74 not S70	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 16:02
S76	82	thicken\$4 same (acrylic or methacrylic or maleic) near2 acid same (((\$4ethylene or \$4propylene or \$4butylene) near2 (oxide or glycol) near2 (acrylate or methacrylate or maleic) or associati\$2 near monomer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 16:02
S77	22	S76 and (latex or emulsion) not S70	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 16:02
S78	170	thicken\$4 same (acrylic or methacrylic or maleic) near acid same (((\$4ethylene or \$4propylene or \$4butylene) near3 (acrylate or methacrylate) or (hydrophob\$2 with macromer or macromonomer) or (associati\$4 near2 monomer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 11:26
S79	103	S78 and (latex \$2or latices)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 11:26
S80	30	(thicken\$4 same (acrylic or methacrylic or maleic) near acid same (((\$4ethylene or \$4propylene or \$4butylene) near3 (acrylate or methacrylate) or (hydrophob\$2 with macromer or macromonomer) or (associati\$4 near2 monomer)))ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 11:26
S81	10	(thicken\$4 same (acrylic or methacrylic or maleic) near acid same (((\$4ethylene or \$4propylene or \$4butylene) near3 (acrylate or methacrylate) or (hydrophob\$2 with macromer or macromonomer) or (associati\$4 near2 monomer)))clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 11:26
S82	2	(thicken\$4).ti. same (acrylic or methacrylic or maleic) near acid same (((\$4ethylene or \$4propylene or \$4butylene) near3 (acrylate or methacrylate) or (hydrophob\$2 with macromer or macromonomer) or (associati\$4 near2 monomer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 11:27
S83	75	(thicken\$4).ti. and (acrylic or methacrylic or maleic) near acid same (((\$4ethylene or \$4propylene or \$4butylene) near3 (acrylate or methacrylate) or (hydrophob\$2 with macromer or macromonomer) or (associati\$4 near2 monomer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 12:25
S84	170	(thicken\$4) same (acrylic or methacrylic or maleic) near acid same (((\$4ethylene or \$4propylene or \$4butylene) near3 (acrylate or methacrylate) or (hydrophob\$2 with macromer or macromonomer) or (associati\$4 near2 monomer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 12:26
S85	15	S84 and paint and latex near2 \$2polymer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 12:27
S86	17	S84 and latex near2 \$2polymer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 12:27
S87	10	S86 not S83	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 13:18
S88	31	polyphobe near "102"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 13:19
S89	761	latex with paint and (ethylene with vinyl near acetate or evac)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 13:20

## EAST Search History

S90	784	latex with paint and (ethylene with vinyl near acetate or evac or eva)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 13:20
S91	375	latex with paint and (vinyl near acetate with copolymer) and thickener and (filler or pigment)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 13:22
S92	30	latex with paint and (vinyl near acetate with copolymer) same thickener same (filler or pigment)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 13:21
S93	27	latex with paint and (vinyl near acetate with copolymer) same solid near (portion or weight or wt\$2 or content) and thickener and (filler or pigment)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 13:22
S94	22	latex with paint and (vinyl near acetate with \$2polymer) same solid near (portion or weight or wt\$2 or content) and thickener and (filler or pigment)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 13:41
S95	20	latex with (vinyl near acetate with \$2polymer) and paint with solid near (portion or weight or wt\$2 or content) and thickener and (filler or pigment)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 13:52
S96	0	latex with (vinyl near acetate with \$2polymer) and paint with high near solid near (portion or weight or wt\$2 or content) and thickener and (filler or pigment)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 13:54
S97	5	(vinyl near acetate with \$2polymer) and paint with high near3 solid near2 (portion or weight or wt\$2 or content) and thickener and (filler or pigment)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 13:55
S98	5	(vinyl near acetate with \$2polymer) and paint with high near3 solid near2 (portion or weight or wt\$2 or content or mass) and thickener and (filler or pigment)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 13:55
S99	6	(vinyl near acetate with \$2polymer) and paint with high near3 solid near2 (portion or weight or wt\$2 or content or mass) and thicken\$4 and (filler or pigment)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 13:57
S10 0	64	(vinyl near acetate with \$2polymer) and (paint or coating) with high near3 solid near2 (portion or weight or wt\$2 or content or mass) and thicken\$4 and (filler or pigment)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 13:57
S10 1	58	S100 not (S97 or S99)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 13:57